

[adsorbing] film being a chemically adsorbed film [having] with an outer surface having irregularities exceeding 10 nanometers, said chemically adsorbed film being bonded by covalent bonds to said substrate surface [either directly or indirectly], and said chemically adsorbed film being a monomolecular or polymer film comprising a -CF<sub>3</sub> group and [with the molecules thereof containing a fluorocarbon group and] a siloxane group wherein the -CF<sub>3</sub> group is at the outer surface of the chemically adsorbed film.

AI  
Control  
B  
2. (Amended) The [water-] water and [oil-repelling adsorbing] oil repelling film according to claim 1, wherein said surface irregularities [are] result from [irregularities formed on the substrate surface itself, irregularities due to] fine particles formed on the substrate surface<sup>or</sup><sub>λ</sub> [or irregularities due to] fine particles present in said chemically adsorbed film.

B  
3. (Amended) The [water-] water and [oil-repelling adsorbing] oil repelling film according to claim 2, wherein said particles formed on the substrate surface and <sup>said</sup><sub>λ</sub> fine particles in said chemically adsorbed film are hydrophilic particles.

B  
B  
B  
4. (Amended) The [water-] water and [oil-repelling adsorbing] oil repelling film according to claim 3, wherein said hydrophilic particles and said [polymer] substrate surface <sup>B'</sup><sub>with</sub> ~~the molecule thereof containing a fluorocarbon group and a siloxane group~~ are bonded to one another by covalent bonds.

5. (Amended) The [water-] water and [oil-repelling adsorbing] oil repelling film according to claim 1, wherein the

[surface irregular] chemically adsorbed film is bonded by covalent bonds of -SiO- or -SiN= to the substrate surface.

self B2  
6. (Amended) The [water-] water and [oil-repelling adsorbing] oil repelling film according to claim 1, which comprises a [thin] multimolecular layer [of polysiloxane] or [a thin layer of chemically adsorbed] monomolecular layer of siloxane formed on the substrate surface and [a surface] an irregular film formed on said [thin layer or said chemically adsorbed monomolecular layer] substrate surface.

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7. (Amended) The [water-] water and [oil-repelling adsorbing] oil repelling film according to claim 1, wherein the substrate surface is provided with irregularities formed by [particles and/or] a coated layer incorporating silicate glass particles and [having surface irregularities and] a [thin layer or a chemically adsorbed] monomolecular layer with the molecules [thereof containing] selected from the group consisting of a fluorocarbon group and a siloxane group, said substrate surface [irregular layer] and said [thin layer or chemically adsorbed] monomolecular layer being bonded to each other by siloxane bonds.

8. (Amended) The [water-] water and [oil-repelling adsorbing] oil repelling film according to claim 1, wherein said substrate is selected from the [made of at least a member of a] group consisting of glass, ceramics, metals, plastics, wood, stone and semiconductors.

9. (Amended) The [water-] water and [oil-repelling adsorbing] oil repelling film according to [one of claims] claim 7 [and] or 8, wherein the substrate surface is provided with